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**NICKEL-CONTAINING ETHYLENE
OLIGOMERIZATION CATALYST AND USE THEREOF**

10 **ABSTRACT OF THE DISCLOSURE**

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A process for the oligomerization of ethylene to a mixture of olefinic products having high linearity is provided, by using a catalyst comprising a reaction product of a simple divalent nickel salt; a boron hydride
15 reducing agent; a water soluble base; a ligand selected from an o-dihydrocarbylphosphinobenzoic acid and alkali metal salt thereof; and, a phosphite.